*R. Mitra*

● Re-run

#6
6/25/02

RAW SEQUENCE LISTING                    DATE: 06/25/2002
PATENT APPLICATION:  US/09/935,390A     TIME: 10:24:44

Input Set : N:\paola\US09935390A.RAW
Output Set: N:\CRF3\06252002\I935390A.raw

SEQUENCE LISTING
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 1 (1) GENERAL INFORMATION:
 2       (i) APPLICANT: Escobedo, Jaime
 3                      Quianjin, Hu
 4                      Garcia, Pablo
 5                      Williams, Lewis T.
 6                      Kothakota, Srinivas
 7      (ii) TITLE OF INVENTION: Secreted Human Proteins
 8     (iii) NUMBER OF SEQUENCES: 38
 9      (iv) CORRESPONDENCE ADDRESS:
10           (A) ADDRESSEE: Chiron Corporation
11           (B) STREET: 4560 Horton Street
12           (C) CITY: Emeryville
13           (D) STATE: CA
14           (E) COUNTRY: USA
15           (F) ZIP: 94608-2916
16       (v) COMPUTER READABLE FORM:
17           (A) MEDIUM TYPE: Diskette
18           (B) COMPUTER: IBM Compatible
19           (C) OPERATING SYSTEM: DOS
20           (D) SOFTWARE: FastSEQ for Windows Version 2.0
21      (vi) CURRENT APPLICATION DATA:
22           (A) APPLICATION NUMBER: US/09/935,390A
23           (B) FILING DATE: 22-Aug-2001
24           (C) CLASSIFICATION:
25     (vii) PRIOR APPLICATION DATA:
26           (A) APPLICATION NUMBER: 08/988,671
27           (B) FILING DATE: 1997-12-11
28    (viii) ATTORNEY/AGENT INFORMATION:
29           (A) NAME: Jane E. R. Potter
30           (B) REGISTRATION NUMBER: 33,332
31           (C) REFERENCE/DOCKET NUMBER: 1369.002
32      (ix) TELECOMMUNICATION INFORMATION:
33           (A) TELEPHONE: (510) 923-2718
34           (B) TELEFAX: (510) 655-3542
35           (C) TELEX:
36 (2) INFORMATION FOR SEQ ID NO: 1:
37       (i) SEQUENCE CHARACTERISTICS:
38           (A) LENGTH: 2063 base pairs
39           (B) TYPE: nucleic acid
40           (C) STRANDEDNESS: single
41           (D) TOPOLOGY: linear
42      (ix) FEATURE:
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C--> 22
C--> 23

ENTERED

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        RAW SEQUENCE LISTING              DATE: 06/25/2002
        PATENT APPLICATION:  US/09/935,390A     TIME: 10:24:44

             Input Set : N:\paola\US09935390A.RAW
             Output Set: N:\CRF3\06252002\I935390A.raw
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43    (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:
44        GAATTCGGCA CGAGGCCTCA GTCTTCCAGG GCGGCGGTGG GTGTCCGCTT CTCTCTGCTC      60
45        TTCGACTGCA CCGCACTCGC GCGTGACCCT GACTCCCCCT AGTCAGCTCA GCGGTGCTGC     120
46        CATGGCGTGG CGGCGGCGCG AAGCCGGCGT CGGGGCTCGC GGCGTGTTGG CTCTGGCGTT     180
47        GCTCGCCCTG GCCCTGTGCG TGCCCGGGGC CCGGGGCCGG GCTCTCGAGT GGTTCTCGGC     240
48        CGTGGTAAAC ATCGAGTACG TGGACCCGCA GACCAACCTG ACGGTGTGGA GCGTCTCGGA     300
49        GAGTGGCCGC TTCGGCGACA GCTCGCCCAA GGAGGGCGCG CATGGCCTGG TGGGCGTCCC     360
50        GTGGGCGCCC GGCGGAGACC TCGAGGGCTG CGCGCCCGAC ACGCGCTTCT TCGTGCCCGA     420
51        GCCCGGCGGC CGAGGGGCCG CGCCCTGGGT CGCCCTGGTG GCTCGTGGGG GCTGCACCTT     480
52        CAAGGACAAG GTGCTGGTGG CGGCGCGGAG GAACGCCTCG GCCGTCGTCC TCTACAATGA     540
53        GGAGCGCTAC GGGAACATCA CCTTGCCCAT GTCTCACGCG GGAACAGGAA ATATAGTGGT     600
54        CATTATGATT AGCTATCCAA AAGGAAGAGA AATTTTGGAG CTGGTGCAAA AAGGAATTCC     660
55        AGTAACGATG ACCATAGGGG TTGGCACCCG GCATGTACAG GAGTTCATCA GCGGTCAGTC     720
56        TGTGGTGTTT GTGGCCATTG CCTTCATCAC CATGATGATT ATCTCGTTAG CCTGGCTAAT     780
57        ATTTTACTAT ATACAGCGTT TCCTATATAC TGGCTCTCAG ATTGGAAGTC AGAGCCATAG     840
58        AAAAGAAACT AAGAAAGTTA TTGGCCAGCT TCTACTTCAT ACTGTAAAGC ATGGAGAAAA     900
59        GGGAATTGAT GTTGATGCTG AAAATTGTGC AGTGTGTATT GAAAATTTCA AAGTAAAGGA     960
60        TATTATTAGA ATTCTGCCAT GCAAGCATAT TTTTCATAGA ATATGCATTG ACCCATGGCT    1020
61        TTTGGATCAC CGAACATGTC CAATGTGTAA ACTTGATGTC ATCAAAGCCC TAGGATATTG    1080
62        GGGAGAGCCT GGGGATGTAC AGGAGATGCC TGCTCCAGAA TCTCCTCCTG GAAGGGATCC    1140
63        AGCTGCAAAT TTGAGTCTAG CTTTACCAGA TGATGACGGA AGTGATGACA GCAGTCCACC    1200
64        ATCAGCCTCC CCTGCTGAAT CTGAGCCACA GTGTGATCCC AGCTTTAAAG GAGATGCAGG    1260
65        AGAAAATACG GCATTGCTAG AAGCCGGCAG GAGTGACTCT CGGCATGGAG GACCCATCTC    1320
66        CTAGCACACG TGCCCACTGA AGTGGCACCA ACAGAAGTTT GGCTTGAACT AAAGGACATT    1380
67        TTATTTTTTT TACTTTAGCA CATAATTTGT ATATTTGAAA ATAATGTATA TTATTTTACC    1440
68        TATTAGATTC TGATTTGATA TACAAAGGAC TAAGATATTT TCTTCTTGAA GAGACTTTTC    1500
69        GATTAGTCCT CATATATTTA TCTACTAAAA TAGAGTGTTT ACCATGAACA GTGTGTTGCT    1560
70        TCAGACTATT ACAAAGACAA CTGGGGCAGG TACTCTAATA TAAAGGACAG GTGGTGTTTC    1620
71        TAAATAATTG GCTGCTATGG TTCTGTAAAA ACCAGTTAAT TCTATTTTTC AAGGTTTTTG    1680
72        GCAAAGCACA TCAATGTTAG ACTAGTTGAA GTGGAATTGT ATAATTCAAT TCGATAATTG    1740
73        ATCTCATGGG CTTTCCCTGG AGGAAAGGTT TTTTTGTTG TTTTTTTTTT AAGAACTTGA    1800
74        AACTTGTAAA CTGAGATGTC TGTAGCTTTT TTGCCATCT GTAGTGTATG TGAAGATTTC    1860
75        AAAACCTGAG AGCACTTTTT CTTTGTTTAG AATTATGAGA AAGGCACTAG ATGACTTTAG    1920
76        GATTTGCATT TTTCCCTTTA TTGCCTCATT TCTTGTGACG CCTTGTTGGG GAGGGAAATC    1980
77        TGTTTATTTT TTCCTACAAA TAAAAAGCTA AGATTCTATA TCGCAAAAAA AAAAAAAAAA    2040
78        AAAAAAAAAA TTCCTGCGGC CGC                                           2063
80  (2) INFORMATION FOR SEQ ID NO: 2:
81      (i) SEQUENCE CHARACTERISTICS:
82          (A) LENGTH: 1328 base pairs
83          (B) TYPE: nucleic acid
84          (C) STRANDEDNESS: single
85          (D) TOPOLOGY: linear
86    (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2:
87        GAATTCGGCA CGAGGTAGGC AAGGGATAAA AAGGCACCTA AGGCCCTTTT GCAATAAGAA      60
88        GCCAGATGGA TAAAGGAAGT GCTGGTCACC CTGGAGGTGT ACTGGTTTGG GGAAGGTCCC     120
89        CGGCCCCCAC AGCCCTCTGG GGAGCCTCAC CCTGGCTCTC CCCACTCACC TCAGCCCTCA     180
90        GGCAGCCCCT CCACAGGGCC CCTCTCCTGC CTGGACAGCT CTGCTGGTCT CCCCGTCCCC     240
91        TGGAGAAGAA CAAGGCCATG GGTCGGCCCC TGCTGCTGCC CCTGCTGCTC CTGCTGCAGC     300
92        CGCCAGCATT TCTGCAGCCT GGTGGCTCCA CAGGATCTGG TCCAAGCTAC CTTTATGGGG     360
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RAW SEQUENCE LISTING          DATE: 06/25/2002
PATENT APPLICATION:  US/09/935,390A      TIME: 10:24:44

Input Set : N:\paola\US09935390A.RAW
Output Set: N:\CRF3\06252002\I935390A.raw

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93    TCACTCAACC AAAACACCTC TCAGCCTCCA TGGGTGGCTC TGTGGAAATC CCCTTCTCCT    420
94    TCTATTACCC CTGGGAGTTA GCCATAGTTC CCAACGTGAG AATATCCTGG AGACGGGGCC    480
95    ACTTCCACGG GCAGTCCTTC TACAGCACAA GGCCGCCTTC CATTCACAAG GATTATGTGA    540
96    ACCGGCTCTT TCTGAACTGG ACAGAGGGTC AGGAGAGCGG CTTCCTCAGG ATCTCAAACC    600
97    TGCGGAAGGA GGACCAGTCT GTGTATTTCT GCCGAGTCGA GCTGGACACC CGGAGATCAG    660
98    GGAGGCAGCA GTTGCAGTCC ATCAAGGGGA CCAAACTCAC CATCACCCAG GCTGTCACAA    720
99    CCACCACCAC CTGGAGGCCC AGCAGCACAA CCACCATAGC CGGCCTCAGG GTCACAGAAA    780
100   GCAAAGGGCA CTCAGAATCA TGGCACCTAA GTCTGGACAC TGCCATCAGG GTTGCATTGG    840
101   CTGTCGCTGT GCTCAAAACT GTCATTTTGG GACTGCTGTG CCTCCTCCTC CTGTGGTGGA    900
102   GGAGAAGGAA AGGTAGCAGG GCGCCAAGCA GTGACTTCTG ACCAACAGAG TGTGGGGAGA    960
103   AGGGATGTGT ATTAGCCCCG GAGGACGTGA TGTGAGACCC GCTTGTGAGT CCTCCACACT   1020
104   CGTTCCCCAT TGGCAAGATA CATGGAGAGC ACCCTGAGGA CCTTTAAAAG GCAAAGCCGC   1080
105   AAGGCAGAAG GAGGCTGGGT CCCTGAATCA CCGACTGGAG GAGAGTTACC TACAAGAGCC   1140
106   TTCATCCAGG AGCATCCACA CTGCAATGAT ATAGGAATGA GGTCTGAACT CCACTGAATT   1200
107   AAACCACTGG CATTTGGGGG CTGTTTATTA TAGCAGTGCA AAGAGTTCCT TTATCCTCCC   1260
108   CAAGGATGGA AAAATACAAT TTATTTTGCT TACCATAAAA AAAAAAAAAA AAAAATTCCT   1320
109   GCGGCCGC                                                           1328
111 (2) INFORMATION FOR SEQ ID NO: 3:
112       (i) SEQUENCE CHARACTERISTICS:
113           (A) LENGTH: 1689 base pairs
114           (B) TYPE: nucleic acid
115           (C) STRANDEDNESS: single
116           (D) TOPOLOGY: linear
117     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 3:
118       GAATTCGGCA CGAGGGCAAG ATTCGATACA AAACCAATGA ACCTGTGTGG GAGGAAAACT    60
119       TCACTTTCTT CATTCACAAT CCCAAGCGCC AGGACCTTGA AGTTGAGGTC AGAGACGAGC   120
120       AGCACCAGTG TTCCCTGGGG AACCTGAAGG TCCCCCTCAG CCAGCTGCTC ACCAGTGAGG   180
121       ACATGACTGT GAGCCAGCGC TTCCAGCTCA GTAACTCGGG TCCAAACAGC ACCATCAAGA   240
122       TGAAGATTGC CCTGCGGGTG CTCCATCTCG AAAAGCGAGA AAGGCCTCCA GACCACCAAC   300
123       ACTCAGCTCA AGTCAAACGT CCCTCTGTGT CCAAAGAGGG GAGGAAAACA TCCATCAAAT   360
124       CTCATATGTC TGGGTCTCCA GGCCCTGGTG GCAGCAACAC AGCTCCATCC ACACCAGTCA   420
125       TTGGGGGCAG TGATAAGCCT GGTATGGAAG AAAAGGCCCA GCCCCCTGAG GCCGGCCCTC   480
126       AGGGGCTGCA CGACCTGGGC AGAAGCTCCT CCAGCCTCCT GGCCTCCCCA GGCCACATCT   540
127       CAGTCAAGGA GCCGACCCCC AGCATCGCCT CGGACATCTC GCTGCCCATC GCCACCCAGG   600
128       AGCTGCGGCA AAGGCTGAGG CAGCTGGAAA ACGGGACGAC CCTGGGACAG TCTCCACTGG   660
129       GGCAGATCCA GCTGACCATC CGGCACAGCT CGCAGAGAAA CAAGCTTATC GTGGTCGTGC   720
130       ATGCCTGCAG AAACCTCATT GCCTTCTCTG AAGACGGCTC TGACCCCTAT GTCCGCATGT   780
131       ATTTATTACC AGACAAGAGG CGGTCAGGAA GGAGGAAAAC ACACGTGTCA AAGAAAACAT   840
132       TAAATCCAGT GTTTGATCAA AGCTTTGATT TCAGTGTTTC GTTACCAGAA GTGCAGAGGA   900
133       GAACGCTCGA CGTTGCCGTG AAGAACAGTG GCGGCTTCCT GTCCAAAGAC AAAGGGCTCC   960
134       TTGGCAAAGT ATTGGTTGCT CTGGCATCTG AAGAACTTGC CAAAGGCTGG ACCCAGTGGT   1020
135       ATGACCTCAC GGAAGATGGG ACGAGGCCTC AGGCGATGAC ATAGCCGCAG CAGGCAGGAG   1080
136       GCGTCCTCTT CAGCGTAGCT CTCCACCTCT ACCCGGAACA CACCCTCTCA CAGACGTACC   1140
137       AATGTTATTT TTATAATTTC ATGGATTTAG TTATACATAC CTTAATAGTT TTATAAAATT   1200
138       GTTGACATTT CAGGCAAATT TGGCCAATAT TATCATTGAA TTTTCTGTGT TGGATTTCCT   1260
139       CTAGGATTTC GCCAGTTCCT ACAACGTGCA GTAGGGCGGC GGTAGCTCTT GTGTCTGTGG   1320
140       ACTCTGCTCA GCTGTGTCCG TAGGAGTCGG ATGTGTCTGT GCTTTATTAT GGCCTTGTTT   1380
141       ATATATCACT GAGGTATACT ATGCCATGTA AATAGACTAT TTTTTATAAT CTTAACATGC   1440
142       TGGTTTAAAT TCAGAAGGAA ATAGATCAAG GAAATATATA TATTTTCTTC TAAAACTTAT   1500
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RAW SEQUENCE LISTING                    DATE: 06/25/2002
PATENT APPLICATION:  US/09/935,390A     TIME: 10:24:44

Input Set : N:\paola\US09935390A.RAW
Output Set: N:\CRF3\06252002\I935390A.raw

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143      TAAATTCGTG TGACAAATAA TCATTTTCAT CTTGGCAGCA AAAAGTTCTC AGTGACCTAT    1560
144      TTTGTGGTGT TTCTTTTTGA AAAGAAAAGC TGAAATATTA TTAAATGCTA GTATGTTTCT    1620
145      GCCCATTATG AAAGATGAAA TAAAGTATTC AAAATATTAA AAAAAAAAAA AAAAAATTCC    1680
146      TGCGGCCGC                                                            1689
148  (2) INFORMATION FOR SEQ ID NO: 4:
149        (i) SEQUENCE CHARACTERISTICS:
150            (A) LENGTH: 1505 base pairs
151            (B) TYPE: nucleic acid
152            (C) STRANDEDNESS: single
153            (D) TOPOLOGY: linear
154       (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 4:
155      GAATTCGGCA CGAGGAGCAG ATCTGCAAGA GTTTCGTTTA TGGAGGCTGC TTGGGCAACA      60
156      AGAACAACTA CCTTCGGGAA GAAGAGTGCA TTCTAGCCTG TCGGGGTGTG CAAGGTGGGC     120
157      CTTTGAGAGG CAGCTCTGGG GCTCAGGCGA CTTTCCCCCA GGGCCCCTCC ATGGAAAGGC     180
158      GCCATCCAGT GTGCTCTGGC ACCTGTCAGC CCACCCAGTT CCGCTGCAGC AATGGCTGCT     240
159      GCATCGACAG TTTCCTGGAG TGTGACGACA CCCCCAACTG CCCCGACGCC TCCGACGAGG     300
160      CTGCCTGTGA AAAATACACG AGTGGCTTTG ACGAGCTCCA GCGCATCCAT TTCCCCAGCG     360
161      ACAAAGGGCA CTGCGTGGAC CTGCCAGACA CAGGACTCTG CAAGGAGAGC ATCCCGCGCT     420
162      GGTACTACAA CCCCTTCAGC GAACACTGCG CCCGCTTTAC CTATGGTGGT TGTTACGGCA     480
163      ACAAGAACAA CTTTGAGGAA GAGCAGCAGT GCCTCGAGTC TTGTCGCGGC ATCTCCAAGA     540
164      AGGATGTGTT TGGCCTGAGG CGGGAAATCC CCATTCCCAG CACAGGCTCT GTGGAGATGG     600
165      CTGTCGCAGT GTTCCTGGTC ATCTGCATTG TGGTGGTGGT AGCCATCTTG GGTTACTGCT     660
166      TCTTCAAGAA CCAGAGAAAG GACTTCCACG GACACCACCA CCACCCACCA CCCACCCCTG     720
167      CCAGCTCCAC TGTCTCCACT ACCGAGGACA CGGAGCACCT GGTCTATAAC CACACCACGC     780
168      GGCCCCTCTG AGCCTGGGTC TCACCGGCTC TCACCTGGCC CTGCTTCCTG CTTGCCAAGG     840
169      CAGAGGCCTG GGCTGGGAAA AACTTTGGAA CCAGACTCTT GCCTGTTTCC CAGGCCCACT     900
170      GTGCCTCAGA GACCAGGGCT CCAGCCCCTC TTGGAGAAGT CTCAGCTAAG CTCACGTCCT     960
171      GAGAAAGCTC AAAGGTTTGG AAGGAGCAGA AAACCCTTGG GCCAGAAGTA CCAGACTAGA    1020
172      TGGACCTGCC TGCATAGGAG TTTGGAGGAA GTTGGAGTTT TGTTTCCTCT GTTCAAAGCT    1080
173      GCCTGTCCCT ACCCCATGGT GCTAGGAAGA GGAGTGGGGT GGTGTCAGAC CCTGGAGGCC    1140
174      CCAACCCTGT CCTCCCGAGC TCCTCTTCCA TGCTGTGCGC CCAGGGCTGG GAGGAAGGAC    1200
175      TTCCCTGTGT AGTTTGTGCT GTAAAGAGTT GCTTTTTGTT TATTTAATGC TGTGGCATGG    1260
176      GTGAAGAGGA GGGGAAGAGG CCTGTTTGGC CTCTCTATCC TCTCTTCCTC TTCCCCCAAG    1320
177      ATTGAGCTCT CTGCCCTTGA TCAGCCCCAC CCTGGCCTAG ACCAGCAGAC AGAGCCAGGA    1380
178      GAAGCTCAGC TGCATTCCGC AGCCCCCACC CCCAAGGTTC TCCAACATCA CAGCCCAGCC    1440
179      CGCCCACTGG GTAATAAAAG TGGTTTGTGG AAAAAAAAAA AAAAAAAAAA AAGTCCTGCG    1500
180      GCCGC                                                               1505
182  (2) INFORMATION FOR SEQ ID NO: 5:
183        (i) SEQUENCE CHARACTERISTICS:
184            (A) LENGTH: 2002 base pairs
185            (B) TYPE: nucleic acid
186            (C) STRANDEDNESS: single
187            (D) TOPOLOGY: linear
188       (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 5:
189      GAATTCGGCA CGAGGGCCAT GGCCGGGCTA TCCCGCGGGT CCGCGCGCGC ACTGCTCGCC      60
190      GCCCTGCTGG CGTCGACGCT GTTGGCGCTG CTCGTGTCGC CCGCGCGGGG TCGCGGCGGC     120
191      CGGGACCACG GGGACTGGGA CGAGGCCTCC CGGCTGCCGC CGCTACCACC CCGCGAGGAC     180
192      GCGGCGCGCG TGGCCCGCTT CGTGACGCAC GTCTCCGACT GGGGCGCTCT GGCCACCATC     240
193      TCCACGCTGG AGGCGGTGCG CGGCCGGCCC TTCGCCGACG TCCTCTCGCT CAGCGACGGG     300
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RAW SEQUENCE LISTING                  DATE: 06/25/2002
PATENT APPLICATION:  US/09/935,390A        TIME: 10:24:44

Input Set : N:\paola\US09935390A.RAW
Output Set: N:\CRF3\06252002\I935390A.raw

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194        CCCCCGGGCG CGGGCAGCGG CGTGCCCTAT TTCTACCTGA GCCCGCTGCA GCTCTCCGTG    360
195        AGCAACCTGC AGGAGAATCC ATATGCTACA CTGACCATGA CTTTGGCACA GACCAACTTC    420
196        TGCAAGAAAC ATGGATTTGA TCCACAAAGT CCCCTTTGTG TTCACATAAT GCTGTCAGGA    480
197        ACTGTGACCA AGGTGAATGA AACAGAAATG GATATTGCAA AGCATTCGTT ATTCATTCGA    540
198        CACCCTGAGA TGAAAACCTG GCCTTCCAGC CATAATTGGT TCTTTGCTAA GTTGAATATA    600
199        ACCAATATCT GGGTCCTGGA CTACTTTGGT GGACCAAAAA TCGTGACACC AGAAGAATAT    660
200        TATAATGTCA CAGTTCAGTG AAGCAGACTG TGGTGAATTT AGCAACACTT ATGAAGTTTC    720
201        TTAAAGTGGC TCATACACAC TTAAAAGGCT TAATGTTTCT CTGGAAAGCG TCCCAGAATA    780
202        TTAGCCAGTT TTCTGTCACA TGCTGGTTTG TTTGCTTGCT TGTTTACTTG CTTGTTTACC    840
203        AATAGAGTTG ACCTGTTATT GGATTCCTG GAAGATGTGG TAGCTACTTT TTTCCTATTT    900
204        TGAAGCCATT TTCGTAGAGA AATATCCTTC ACTATAATCA AATAAGTTTT GTCCCATCAA    960
205        TTCCAAAGAT GTTTCCAGTG GTGCTCTTGA AGAGGAATGA GTACCAGTTT TAAATTGCCC   1020
206        ATTGGCATTT GAAGGTAGTT GAGTATGTGT TCTTTATTCC TAGAAGCCAC TGTGCTTGGT   1080
207        AGAGTGCATC ACTCACCACA GCTGCCTCTT GAGCTGCCTG AGCCTGGTGC AAAAGGATTG   1140
208        GCCCCCATTA TGGTGCTTCT GAATAAATCT TGCCAAGATA GACAAACAAT GATGAAACTC   1200
209        AGATGGAGCT TCCTACTCAT GTTGATTTAT GTCTCACAAT CCTGGGTATT GTTAATTCAA   1260
210        CATAGGGTGA AACTATTTCT GATAAAGAAC TTTTGAAAAA CTTTTTATAC TCTAAAGTGA   1320
211        TACTCAGAAC AAAAGAAAGT CATAAAACTC CTGAATTTAA TTTCCCCACC TAAGTCGAGA   1380
212        CAGTATTATC AAAACACATG TGCACACAGA TTATTTTTTG GCTCCAAAAC TGGATTGCAA   1440
213        AAGAAAGAGG AGAGATATTT TGTGTGTTCC TGGTATTCTT TTATAAGTAA AGTTACCCAG   1500
214        GCATGGACCA GCTTCAGCCA GGGACAAAAT CCCCTCCCAA ACCACTCTCC ACAGCTTTTT   1560
215        AAAAATACTT CTACTCTTAA CAATTACCTA AGGTTCCTTC AAACCCCCCC AACTCTTAAT   1620
216        AGCTTCTAGT GCTGCTACAA TCTAAGTCAG GTCACCAGAG GGAAGAGAAC ATGGCATTAA   1680
217        AAGAATCACA TCTTCAGAAG AGAAGACACT AATATTATTA CCCATATACA TGATTTCAGA   1740
218        AGATGACATA AGATTCCTCT TAAAGAGGAA ATGTCAGGAA TCAAGCCACT GAATCCTTAA   1800
219        AGAGAAAAGT TGAATATGAG TCATTGTGTC TGAAAACTGC AAAGTGAACT TAACTGAGAT   1860
220        CCAGCAAACA GGTTCTGTTT AAGAAAAATA ATTTATACTA AATTTAGTAA AATGGACTTC   1920
221        TTATTCAAAG CATCAATAAT TAAAAGAATT ATTTTAAAAA AAAAAAAAA AAAAAAAAA   1980
222        AAAAAAAAAT TCCTGCGGCC GC                                             2002
224 (2) INFORMATION FOR SEQ ID NO: 6:
225      (i) SEQUENCE CHARACTERISTICS:
226          (A) LENGTH: 1322 base pairs
227          (B) TYPE: nucleic acid
228          (C) STRANDEDNESS: single
229          (D) TOPOLOGY: linear
230      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 6:
231        GAATTCGGCA CGAGGGCCAC GACTCTGCTG GCATTTCTTC TATAGCCACT GGAATCTGAT     60
232        CCTGATTGTC TTCCACTACT ACCAGGCCAT CACCACTCCG CCTGGGTACC CACCCCAGGG    120
233        CAGGAATGAT ATCGCCACCG TCTCCATCTG TAAGAAGTGC ATTTACCCCA AGCCAGCCCG    180
234        AACACACCAC TGCAGCATCT GCAACAGGTG TGTGCTGAAG ATGGATCACC ACTGCCCCTG    240
235        GCTAAACAAT TGTGTGGGCC ACTATAACCA TCGGTACTTC TTCTCTTTCT GCTTTTTCAT    300
236        GACTCTGGGC TGTGTCTACT GCAGCTATGG AAGTTGGGAC CTTTTCCGGG AGGCTTATGC    360
237        TGCCATTGAG AAAATGAAAC AGCTCGACAA GAACAAACTA CAGGCGGTTG CCAACCAGAC    420
238        TTATCACCAG ACCCCACCAC CCACCTTCTC CTTTCGAGAA AGGATGACTC ACAAGAGTCT    480
239        TGTCTACCTC TGGTTCCTGT GCAGTTCTGT GGCACTTGCC CTGGGTGCCC TAACTGTATG    540
240        GCATGCTGTT CTCATCAGTC GAGGTGAGAC TAGCATCGAA AGGCACATCA ACAAGAAGGA    600
241        GAGACGTCGG CTACAGGCCA AGGGCAGAGT ATTTAGGAAT CCTTACAACT ACGGCTGCTT    660
242        GGACAACTGG AAGGTATTCC TGGGTGTGGA TACAGGAAGG CACTGGCTTA CTCGGGTGCT    720
243        CTTACCTTCT ACTCACTTGC CCCATGGGAA TGGAATGAGC TGGGAGCCCC CTCCCTGGGT    780
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**VERIFICATION SUMMARY**                DATE: 06/25/2002
PATENT APPLICATION:   US/09/935,390A     TIME: 10:24:45

Input Set : **N:\paola\US09935390A.RAW**
Output Set: **N:\CRF3\06252002\I935390A.raw**

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L:22 M:220 C: Keyword misspelled or invalid format, [(A) APPLICATION NUMBER:]
L:23 M:220 C: Keyword misspelled or invalid format, [(B) FILING DATE:]
L:43 M:246 W: Invalid value of Alpha Sequence Header Field, [FEATURE:], SeqNo=1
L:678 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=20
L:737 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=21
L:784 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=22
L:831 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=23
L:866 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=24
L:903 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=25
L:938 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=26
L:1005 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=27
L:1046 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=28
L:1083 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=29
L:1126 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=30
L:1167 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=31
L:1224 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=32
L:1265 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=33
L:1322 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=34
L:1373 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=35
L:1418 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=36
L:1455 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=37
L:1524 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=38
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